

The background of the slide is a spiral-bound notebook. The left side shows the dark brown spiral binding. The main area is a light beige, textured surface resembling aged paper. The text is centered on this paper.

# NSIDC Readiness: Transfer and Ingest from MODAPS, Distribution of MODIS Data

Greg Scharfen

NSIDC DAAC

[scharfen@kryos.colorado.edu](mailto:scharfen@kryos.colorado.edu)

MODIS Science Team Meeting

November 17, 1999

# NSIDC Readiness Summary

---

- ✓ NSIDC is on track for MODIS operations
- ✓ NSIDC expects to be operational by Jan1
- ✓ testing is on schedule
- ✓ problems are being addressed

# Transfer and Ingest from MODAPS: MOSS-3

---

- ✓ Archived all three data types from MODAPS
  - MOD10A2 successfully ingested 11/10
- ✓ QA Updates Performed on MODIS products
  - metadata in granules are never modified by QA updater tool
- ✓ Desired Volumes Were Not Achieved

# Transfer and Ingest from MODAPS: MOSS-3

---

## ✓ Problems:

- Metadata errors with MODIS products
  - duplicate orbit#s, null operational QA flag
- Low Data Volume (achieved only 10% of 16 GB/day ingest goal)

# Distribution of MODIS data:

## MOSS-3

---

- ✓ Successful FTP Push based on subscriptions
- ✓ Successful FTP Pull and 8mm media based on orders from the EDG
- ✓ Problems:
  - Users did not receive notification of filled subscriptions
    - workaround: USO needs to set up user profile
  - EDG regional searches/orders are problematic
    - global coverage searches/orders are successful

# Issues:

---

## ✓ Data Documentation:

- GCMD has only one DIF for snow and ice products (NSIDC is preparing six for the at launch products)
- Guide documents have not been written (guide authors discussing, pending ESDIS guidance on template)
- ESDT errors are still outstanding

## ✓ ESDTs for L3 sea ice products outstanding

## Issues:

---

- ✓ PDR server cleanout by age not by threshold
- ✓ level 2 products cannot be geolocated accurately w/o MOD03
  - inconvenient for users
- ✓ QA updater tool should be modified to accept local granule IDs (vs, URs)

## ECS plans at NSIDC:

---

- ✓ drop 5A.03 in ops mode 11/08
- ✓ didn't participate in MOSS-4 due to planned ECS software upgrades
- ✓ MOSS-5 (?) and EGS tests 11/15-18
- ✓ shutdown/startup ORE 11/25-28
- ✓ install drop 5A.04 in TS1 mode 11/29
- ✓ MOSS-6 test 11/29-12/03
- ✓ drop 5A.04 into ops mode 12/13-17



## Recent activity:

---

- ✓ MODAPS-NSIDC Operations Agreement signed
- ✓ successful participation in ORR

# At-Launch Snow and Ice Products:

---

- ✓ MOD10\_L2 (AM-1 MODIS Level 2 Swath 500 meter Snow Cover)
- ✓ MOD10A1 (AM-1 MODIS Daily Sinusoidal Gridded 500 meter Snow Cover)
- ✓ MOD10A2 (AM-1 MODIS 8-Day Sinusoidal Gridded 500 meter Snow Cover)
- ✓ MOD29\_L2 (AM-1 MODIS Level 2 Swath Sea Ice Extent)
- ✓ MOD29P1D (AM-1 MODIS Daily Daytime Polar Gridded Sea Ice Extent)
- ✓ MOD29P1N (AM-1 MODIS Daily Nighttime Polar Gridded Sea Ice Extent)